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THE LABOUR FORCE, NEW SOUTH WALES, FEBRUARY 1979

1. This bulletin is the first of a series of quarterly publications which are intended to replace the quarterly publication *Employment Status of the Population* (previously issued by this Office). Statistics similar to those contained in Tables 1 and 2 of this bulletin are published each month, as they become available, in the publication *Major Economic Indicators* (Catalogue No. 1306.1), which is available free on request to this Office. Other data contained in this bulletin are also available each month (except for the occupation and industry details for employed persons, which are available only on a quarterly basis) - and if required each month as they become available, may be obtained from this Office (Telephone 236-6347).
2. This bulletin contains estimates relating to the civilian labour force and to those not in the labour force. The estimates have been derived from the results of the Population Survey, which is conducted on a sample basis throughout Australia. From February 1978, the Survey has been conducted each month. Previously, the Survey was conducted in February, May, August, and November of each year. Revised estimates for periods before February 1978 are included in this bulletin.
3. The Population Survey. The Survey is based on a multi-stage sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about one-half of one per cent of the population of New South Wales. The information is obtained from the occupants of the selected dwellings by carefully chosen and specially trained interviewers, the interviews being conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the Survey week). Before February 1978, the interviews were spread over four weeks, chosen so that the Survey weeks generally fell within the limits of the calendar month.
4. Scope. The Survey includes all persons aged 15 or more years, except :-
 - (a) members of the permanent defence forces;
 - (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
 - (c) non-Australians on tour or holidaying in Australia; and
 - (d) members of non-Australian defence forces (and their dependants), stationed in Australia.
5. Standard Error. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, they may differ from figures that would have been obtained if the information had been collected from occupants of all dwellings (using the same questionnaire and interviewing procedures). One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the Survey. A Technical Note, showing the likely standard errors relating to sample estimates, is shown on page 16 of this bulletin.

(b) In addition to the regular demographic and labour force characteristics which are contained in the above publications, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. The results of these surveys are published separately. A list of such publications is contained in the back of the monthly publication *The Labour Force* (6203.0). Copies of publications containing supplementary survey information are available free on request.

13. Symbols. Standard notations are used throughout this bulletin, with meanings as follows :-

- * Subject to sampling variability too high for most practical purposes.
- n.a. Not available.
- r Figure or series revised since previous issue.

14. Rounding. Where figures have been rounded, discrepancies may occur between sums of the component items and the totals shown.

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8 June 1979

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TABLE 1. CIVILIAN POPULATION AGED 15 OR MORE YEARS, CLASSIFIED BY EMPLOYMENT STATUS, N.S.W.

Month	Employed (thous.)	Unemployed		Total labour force		Not in labour force (thous.)	Civilian popu- lation aged 15 or more years (thous.)
		Number (thous.)	Unemploy- ment rate (a) (per cent)	Number (thous.)	Particip- ation rate (b) (per cent)		
MALES							
1976 : Aug.	1,340.2	64.1	4.6	1,404.3	79.1	370.3	1,774.7
Nov.	1,343.6	68.8	4.9	1,412.4	79.3	367.8	1,780.2
1977 : Feb.	1,355.6	77.8	5.4	1,433.4	80.2	354.6	1,788.0
May	1,355.8	78.5	5.5	1,434.3	79.9	360.2	1,794.5
Aug.	1,345.3	75.6	5.3	1,420.9	78.9	379.5	1,800.4
Nov.(c)	1,353.1	66.0	4.7	1,419.1	78.5	388.5	1,807.5
1978 : Feb.(d)	1,354.8	93.0	6.4	1,447.8	79.7	367.8	1,815.6
Mar.	1,351.6	76.2	5.3	1,427.8	78.5	390.1	1,817.9
Apr.	1,342.1	78.8	5.5	1,421.0	78.1	397.5	1,818.4
May	1,347.0	72.0	5.1	1,419.0	77.9	401.6	1,820.5
June	1,349.7	78.7	5.5	1,428.4	78.3	396.0	1,824.4
July	1,341.7	72.4	5.1	1,414.1	77.4	412.0	1,826.1
Aug.	1,333.0	72.8	5.2	1,405.9	76.9	421.9	1,827.8
Sept.	1,335.1	74.4	5.3	1,409.5	77.1	419.5	1,829.0
Oct.	1,340.2	71.0	5.0	1,411.2	77.1	418.6	1,829.8
Nov.	1,336.0	73.7	5.2	1,409.6	77.0	420.1	1,829.7
Dec.	1,366.9	78.8	5.4	1,445.7	78.8	388.7	1,834.4
1979 : Jan.	1,359.7	82.7	5.7	1,442.3	78.3	398.6	1,840.9
Feb.	1,366.7	79.8	5.5	1,446.4	78.4	398.0	1,844.4
MARRIED FEMALES							
1976 : Aug.	465.0	19.6	4.1	484.7	40.2	720.1	1,204.8
Nov.	466.6	14.6	3.0	481.2	40.1	719.3	1,200.5
1977 : Feb.	462.3	24.9	5.1	487.3	40.5	715.9	1,203.1
May	469.1	23.2	4.7	492.3	41.0	707.6	1,199.9
Aug.	470.0	22.4	4.5	492.4	41.0	708.7	1,201.1
Nov.(c)	475.9	17.7	3.6	493.6	41.3	700.7	1,194.3
1978 : Feb.(d)	458.8	29.9	6.1	488.6	41.0	704.3	1,193.0
Mar.	462.5	32.4	6.5	494.9	41.7	692.1	1,187.0
Apr.	468.3	30.2	6.1	498.5	42.1	685.8	1,184.4
May	468.3	28.8	5.8	497.1	41.9	688.4	1,185.6
June	458.9	27.6	5.7	486.5	41.2	693.1	1,179.5
July	476.7	24.4	4.9	501.1	42.2	685.1	1,186.3
Aug.	470.1	26.8	5.4	496.9	41.9	689.9	1,186.7
Sept.	474.5	24.4	4.9	498.9	42.1	685.8	1,184.7
Oct.	482.6	22.0	4.4	504.6	42.5	683.4	1,188.0
Nov.	479.2	18.2	3.7	497.3	41.7	696.3	1,193.6
Dec.	472.1	15.2	3.1	487.3	40.6	712.7	1,200.0
1979 : Jan.	441.7	20.4	4.4	462.1	38.1	751.8	1,214.0
Feb.	465.4	26.4	5.4	491.9	40.3	727.7	1,219.6

For footnotes, see page 7.

TABLE 1. CIVILIAN POPULATION AGED 15 OR MORE YEARS, CLASSIFIED BY EMPLOYMENT STATUS, N.S.W. (continued)

Month	Employed (thous.)	Unemployed		Total labour force		Not in labour force (thous.)	Civilian populat- ion aged 15 or more years (thous.)
		Number (thous.)	Unemploy- ment rate (a) (per cent)	Number (thous.)	Particip- ation rate (b) (per cent)		
ALL FEMALES							
1976 : Aug.	717.3	46.3	6.1	763.6	41.6	1,070.4	1,834.0
Nov.	725.9	40.6	5.3	766.4	41.6	1,074.0	1,840.4
1977 : Feb.	728.6	59.2	7.5	787.8	42.6	1,060.1	1,847.9
May	739.4	54.9	6.9	794.3	42.8	1,060.8	1,855.1
Aug.	737.4	55.9	7.1	793.4	42.6	1,068.3	1,861.6
Nov. (c)	748.3	53.5	6.7	801.8	42.9	1,066.9	1,868.7
1978 : Feb. (d)	735.7	78.1	9.6	813.8	43.3	1,064.5	1,878.3
Mar.	735.5	72.5	9.0	808.0	43.0	1,073.0	1,881.0
Apr.	748.5	68.8	8.4	817.4	43.4	1,064.3	1,881.6
May	745.1	65.2	8.0	810.3	43.0	1,073.6	1,883.9
June	744.5	59.1	7.4	803.6	42.6	1,084.7	1,888.4
July	755.8	58.6	7.2	814.3	43.1	1,076.1	1,890.4
Aug.	749.8	60.2	7.4	810.0	42.8	1,082.3	1,892.3
Sept.	757.8	58.4	7.2	816.2	43.1	1,077.6	1,893.8
Oct.	763.1	53.5	6.6	816.7	43.1	1,078.2	1,894.8
Nov.	752.4	56.8	7.0	809.2	42.7	1,085.9	1,895.1
Dec.	754.6	62.4	7.6	816.9	43.0	1,082.6	1,899.5
1979 : Jan.	721.9	64.0	8.1	785.9	41.2	1,119.7	1,905.6
Feb.	735.6	68.9	8.6	804.5	42.1	1,104.6	1,909.0
PERSONS							
1976 : Aug.	2,057.5	110.5	5.1	2,168.0	60.1	1,440.8	3,608.7
Nov.	2,069.4	109.4	5.0	2,178.8	60.2	1,441.8	3,620.6
1977 : Feb.	2,084.1	137.0	6.2	2,221.2	61.1	1,414.7	3,635.9
May	2,095.2	133.4	6.0	2,228.6	61.1	1,421.0	3,649.6
Aug.	2,082.7	131.5	5.9	2,214.2	60.5	1,447.8	3,662.0
Nov. (c)	2,101.3	119.5	5.4	2,220.8	60.4	1,455.3	3,676.2
1978 : Feb. (d)	2,090.5	171.1	7.6	2,261.6	61.2	1,432.3	3,693.9
Mar.	2,087.1	148.7	6.7	2,235.8	60.4	1,463.1	3,698.9
Apr.	2,090.6	147.7	6.6	2,238.3	60.5	1,461.7	3,700.1
May	2,092.1	137.2	6.2	2,229.3	60.2	1,475.2	3,704.4
June	2,094.3	137.8	6.2	2,232.1	60.1	1,480.7	3,712.8
July	2,097.5	131.0	5.9	2,228.5	60.0	1,488.1	3,716.5
Aug.	2,082.8	133.0	6.0	2,215.8	59.6	1,504.2	3,720.0
Sept.	2,092.8	132.9	6.0	2,225.7	59.8	1,497.0	3,722.8
Oct.	2,103.3	124.6	5.6	2,227.9	59.8	1,496.8	3,724.7
Nov.	2,088.3	130.5	5.9	2,218.8	59.6	1,506.0	3,724.8
Dec.	2,121.5	141.2	6.2	2,262.6	60.6	1,471.3	3,733.9
1979 : Jan.	2,081.6	146.7	6.6	2,228.3	59.5	1,518.2	3,746.5
Feb.	2,102.3	148.6	6.6	2,250.9	60.0	1,502.5	3,753.5

- (a) The number of unemployed in each group as a percentage of the total labour force in the same group.
- (b) The labour force in each group as a percentage of the civilian population aged 15 or more years in the same group.
- (c) The sample size was reduced for the November survey. Consequently, the standard errors for estimates from this survey were approximately 20% larger than the standard errors shown in the Technical Note.
- (d) First of monthly surveys.

TABLE 2. CIVILIAN POPULATION AGED 15 OR MORE YEARS,
CLASSIFIED BY EMPLOYMENT STATUS, SYDNEY STATISTICAL DIVISION

Month	Employed (thous.)	Unemployed		Total labour force		Not in labour force (thous.)	Civilian populat- ion aged 15 or more years (thous.)
		Number (thous.)	Unemploy- ment rate (a) (per cent)	Number (thous.)	Particip- ation rate (b) (per cent)		
MALES							
1978 : Feb.	863.3	57.4	6.2	920.7	80.3	226.5	1,147.2
Mar.	855.0	49.6	5.5	904.7	78.7	244.3	1,148.9
Apr.	856.3	49.7	5.5	906.0	78.8	243.4	1,149.3
May	856.2	44.9	5.0	901.0	78.3	249.6	1,150.7
June	861.7	45.3	5.0	907.0	78.7	246.1	1,153.1
July	850.8	43.3	4.8	894.1	77.5	260.1	1,154.2
Aug.	850.6	41.5	4.7	892.2	77.2	263.6	1,155.8
Sept.	853.7	42.6	4.8	896.3	77.5	260.3	1,156.5
Oct.	856.2	40.9	4.6	897.2	77.5	259.9	1,157.1
Nov.	849.5	41.4	4.7	891.0	77.0	266.0	1,157.0
Dec.	869.6	45.8	5.0	915.4	78.9	245.3	1,160.7
1979 : Jan.	864.6	50.7	5.5	915.4	78.6	249.5	1,164.8
Feb.	866.2	49.0	5.4	915.2	78.4	251.9	1,167.1
MARRIED FEMALES							
1978 : Feb.	316.5	18.6	5.5	335.1	43.9	427.6	762.7
Mar.	314.7	21.2	6.3	335.9	44.2	424.3	760.2
Apr.	315.5	19.2	5.7	334.7	44.2	422.6	757.2
May	318.3	17.9	5.3	336.2	44.8	414.9	751.1
June	311.2	17.9	5.4	329.1	43.9	421.1	750.2
July	325.8	15.1	4.4	340.9	45.1	414.6	755.5
Aug.	324.2	17.7	5.2	341.9	45.4	410.8	752.7
Sept.	329.5	14.9	4.3	344.4	45.7	408.9	753.3
Oct.	337.4	12.7	3.6	350.1	46.2	408.5	758.6
Nov.	331.8	11.0	3.2	342.8	45.0	418.6	761.4
Dec.	328.0	10.2	3.0	338.2	44.3	425.9	764.0
1979 : Jan.	302.6	12.9	4.1	315.5	41.0	453.8	769.3
Feb.	323.4	15.3	4.5	338.7	44.0	431.7	770.4
ALL FEMALES							
1978 : Feb.	512.7	46.5	8.3	559.2	45.8	661.5	1,220.7
Mar.	505.7	45.1	8.2	550.8	45.1	671.7	1,222.4
Apr.	516.9	40.0	7.2	556.9	45.5	665.9	1,222.9
May	520.1	39.0	7.0	559.1	45.7	665.2	1,224.3
June	518.5	34.3	6.2	552.7	45.0	674.5	1,227.2
July	526.6	31.7	5.7	558.2	45.4	670.3	1,228.5
Aug.	523.3	35.8	6.4	559.1	45.5	670.6	1,229.7
Sept.	533.6	32.1	5.7	565.7	46.0	665.0	1,230.7
Oct.	538.4	29.4	5.2	567.8	46.1	663.6	1,231.3
Nov.	526.5	32.8	5.9	559.4	45.4	672.1	1,231.5
Dec.	531.5	41.3	7.2	572.8	46.4	661.6	1,234.4
1979 : Jan.	505.8	39.1	7.2	544.9	44.0	693.4	1,238.3
Feb.	520.9	42.2	7.5	563.2	45.4	677.4	1,240.5
PERSONS							
1978 : Feb.	1,376.0	103.9	7.0	1,479.9	62.5	888.0	2,367.9
Mar.	1,360.7	94.7	6.5	1,455.4	61.4	915.9	2,371.4
Apr.	1,373.2	89.7	6.1	1,462.9	61.7	909.3	2,372.2
May	1,376.3	83.9	5.7	1,460.2	61.5	914.8	2,375.0
June	1,380.2	79.5	5.4	1,459.8	61.3	920.5	2,380.3
July	1,377.3	75.0	5.2	1,452.3	61.0	930.4	2,382.7
Aug.	1,373.9	77.3	5.3	1,451.2	60.8	934.2	2,385.5
Sept.	1,387.3	74.7	5.1	1,461.9	61.2	925.3	2,387.2
Oct.	1,394.6	70.3	4.8	1,464.9	61.3	923.5	2,388.4
Nov.	1,376.0	74.3	5.1	1,450.3	60.7	938.2	2,388.5
Dec.	1,401.2	87.1	5.8	1,488.2	62.1	906.9	2,395.1
1979 : Jan.	1,370.4	89.9	6.2	1,460.2	60.8	942.9	2,403.2
Feb.	1,387.1	91.2	6.2	1,478.3	61.4	929.3	2,407.6

(a) The number of unemployed in each group as a percentage of the total labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 or more years in the same group.

TABLE 3. EMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY, N.S.W.
(Thousands)

Month	Agri- culture	Manu- factur- ing	Con- struct- ion	Whole- sale and retail trade	Trans- port and storage	Finance, etc.	Com- munity services (b)	Other indust- ries (c)	Total
MALES									
1976:Aug.	81.2	343.6	158.1	237.1	107.0	92.8	106.0	214.4	1,340.2
Nov.	80.4	343.7	152.9	245.1	104.1	91.7	105.8	219.8	1,343.6
1977:Feb.	82.2	350.5	157.4	242.7	102.3	93.7	110.0	216.7	1,355.6
May	84.0	342.3	153.3	253.9	98.1	97.0	108.3	218.9	1,355.8
Aug.	79.7	345.9	147.4	251.6	99.3	95.6	113.1	212.7	1,345.3
Nov.(d)	84.1	345.8	143.4	235.7	105.0	100.4	118.3	220.3	1,353.1
1978:Feb.(e)	80.0	346.2	139.1	240.1	97.3	100.0	119.2	232.8	1,354.8
May	74.6	338.3	136.8	254.2	97.5	101.3	116.3	227.8	1,347.0
Aug.	74.8	319.0	137.5	257.4	106.5	94.8	115.9	227.1	1,333.0
Nov.	85.5	328.2	132.4	245.4	108.4	95.2	116.3	224.5	1,336.0
1979:Feb.	79.9	340.8	134.8	246.2	105.8	101.8	122.2	235.1	1,366.7
FEMALES									
1976:Aug.	25.2	122.5	12.3	163.8	14.2	85.7	180.1	113.5	717.3
Nov.	21.7	120.8	10.6	171.4	15.4	85.3	187.5	113.1	725.9
1977:Feb.	23.9	124.1	10.8	164.2	15.6	85.2	191.1	113.7	728.6
May	25.1	120.1	9.4	167.9	19.4	87.3	196.3	113.7	739.4
Aug.	25.0	120.7	9.0	167.2	16.0	86.1	199.5	113.9	737.4
Nov.(d)	25.5	124.3	10.4	177.9	14.5	85.7	191.8	118.2	748.3
1978:Feb.(e)	22.3	116.7	11.8	177.1	17.4	86.3	184.3	119.7	735.7
May	18.1	121.8	11.1	184.9	18.9	91.5	173.0	125.9	745.1
Aug.	20.1	114.9	11.3	176.2	20.8	97.9	182.8	125.8	749.8
Nov.	21.6	117.9	10.6	174.8	19.1	94.4	191.0	123.0	752.4
1979:Feb.	21.0	116.7	11.4	176.3	17.6	95.1	185.6	111.9	735.6
PERSONS									
1976:Aug.	106.4	466.1	170.4	400.9	121.2	178.5	286.1	327.9	2,057.5
Nov.	102.1	464.5	163.5	416.5	119.6	177.0	293.3	333.0	2,069.4
1977:Feb.	106.2	474.6	168.1	406.8	117.9	178.9	301.1	330.4	2,084.1
May	109.2	462.4	162.8	421.8	117.5	184.3	304.6	332.6	2,095.2
Aug.	104.7	466.6	156.3	418.8	115.3	181.7	312.6	326.7	2,082.7
Nov.(d)	109.6	470.0	153.8	413.6	119.6	186.1	310.0	338.5	2,101.3
1978:Feb.(e)	102.3	462.9	151.0	417.2	114.7	186.3	303.5	352.6	2,090.5
May	92.7	460.2	147.9	439.1	116.4	192.8	289.4	353.7	2,092.1
Aug.	94.9	433.9	148.8	433.6	127.4	192.7	298.7	352.9	2,082.8
Nov.	107.1	446.1	143.0	420.2	127.5	189.6	307.3	347.6	2,088.3
1979:Feb.	100.9	457.6	146.2	422.5	123.3	196.9	307.8	347.0	2,102.3

(a) Aged 15 or more years.

(b) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services.

(c) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Entertainment, Recreation, Restaurants, Hotels, and Personal Services.

(d) The sample size was reduced for the November survey. Consequently, the standard errors for estimates from this survey were approximately 20% larger than the standard errors shown in the Technical Note.

(e) First of monthly surveys. However, data are available only for the months shown.

TABLE 4. EMPLOYED PERSONS (a) CLASSIFIED BY AGE GROUP, N.S.W.
(Thousands)

Month	Age group (years)								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 or more	
MALES									
1978:Feb.	112.8	166.1	355.2	273.8	254.3	101.6	64.1	26.8	1,354.8
Mar.	108.3	160.0	354.7	277.8	258.0	104.0	62.4	26.4	1,351.6
Apr.	105.3	158.6	354.2	279.6	255.3	103.9	58.9	26.4	1,342.1
May	109.0	160.6	357.8	279.2	255.9	101.7	59.2	23.5	1,347.0
June	108.9	162.3	358.2	281.4	256.0	100.5	58.3	24.2	1,349.7
July	105.8	162.8	359.5	281.7	251.1	99.4	58.8	22.6	1,341.7
Aug.	103.4	160.0	360.7	278.7	250.9	98.4	57.9	23.2	1,333.0
Sept.	105.8	159.7	361.5	280.9	250.2	98.1	56.7	22.1	1,335.1
Oct.	106.9	159.2	364.0	281.6	254.7	96.5	54.1	23.1	1,340.2
Nov.	106.3	159.1	362.9	280.2	254.4	95.9	54.1	23.1	1,336.0
Dec.	122.8	166.5	365.7	281.3	254.4	97.4	54.1	24.6	1,366.9
1979:Jan.	118.8	171.1	365.2	282.3	248.5	97.4	52.2	24.1	1,359.7
Feb.	120.1	169.8	365.2	285.3	252.3	98.1	54.1	21.7	1,366.7
MARRIED FEMALES									
1978:Feb.	6.1	58.1	134.1	128.4	96.1	24.9	7.9	*	458.8
Mar.	4.6	54.0	137.6	130.1	99.8	26.2	7.0	*	462.5
Apr.	5.3	51.7	139.7	131.3	101.4	28.7	7.1	*	468.3
May	5.1	53.4	136.8	134.8	100.6	27.2	7.7	*	468.3
June	5.8	49.1	135.9	130.1	99.1	27.7	8.8	*	458.9
July	5.3	53.0	142.5	135.2	101.2	27.6	8.7	*	476.7
Aug.	4.7	52.4	141.1	130.9	99.1	28.1	9.8	*	470.1
Sept.	5.6	53.7	144.8	130.7	101.6	25.2	9.2	*	474.5
Oct.	5.2	54.5	150.6	133.2	98.4	26.8	9.1	*	482.6
Nov.	*	53.4	148.3	133.2	101.4	23.2	10.2	*	479.2
Dec.	*	52.4	144.0	133.2	99.7	24.4	10.2	*	472.1
1979:Jan.	*	50.8	137.3	123.6	91.3	24.7	7.4	*	441.7
Feb.	*	54.2	139.9	132.1	97.0	25.4	9.1	*	465.4
ALL FEMALES									
1978:Feb.	100.7	130.6	174.6	146.7	123.7	37.6	13.3	8.5	735.7
Mar.	97.9	127.6	178.1	150.5	123.3	36.4	13.2	8.6	735.5
Apr.	100.3	123.4	182.4	153.7	125.7	40.2	13.7	9.1	748.5
May	100.2	121.5	178.3	157.6	127.5	38.5	14.2	7.3	745.1
June	98.8	121.5	182.0	151.8	126.5	40.2	14.9	8.8	744.5
July	96.9	124.0	189.7	156.3	127.9	37.9	15.1	8.1	755.8
Aug.	95.5	120.2	191.2	153.5	127.2	38.8	15.3	8.2	749.8
Sept.	95.3	123.7	195.7	152.8	129.3	37.4	14.5	9.1	757.8
Oct.	96.0	124.1	197.0	156.4	125.4	40.1	14.1	10.0	763.1
Nov.	91.8	123.8	195.0	153.3	126.2	37.0	15.3	10.0	752.4
Dec.	97.7	123.3	191.2	154.8	126.3	36.7	16.6	8.0	754.6
1979:Jan.	99.5	122.9	182.9	145.5	115.4	36.8	12.4	6.6	721.9
Feb.	98.9	124.0	182.1	153.8	121.4	34.9	14.2	6.3	735.6
PERSONS									
1978:Feb.	213.5	296.7	529.7	420.5	378.0	139.2	77.5	35.4	2,090.5
Mar.	206.2	287.5	532.8	428.3	381.3	140.4	75.6	35.0	2,087.1
Apr.	205.6	282.0	536.6	433.3	381.0	144.1	72.6	35.5	2,090.6
May	209.2	282.1	536.1	436.8	383.4	140.3	73.5	30.7	2,092.1
June	207.7	283.8	540.2	433.1	382.6	140.8	73.2	33.0	2,094.3
July	202.7	286.7	549.2	438.0	379.0	137.3	73.9	30.7	2,097.5
Aug.	198.9	280.1	551.9	432.2	378.1	137.1	73.2	31.4	2,082.8
Sept.	201.1	283.4	557.2	433.7	379.5	135.5	71.1	31.3	2,092.8
Oct.	202.9	283.3	561.0	438.0	380.1	136.6	68.2	33.1	2,103.3
Nov.	198.1	282.9	557.9	433.5	380.6	132.9	69.3	33.1	2,088.3
Dec.	220.6	289.8	556.9	436.1	380.7	134.1	70.7	32.6	2,121.5
1979:Jan.	218.4	294.0	548.1	427.8	363.8	134.1	64.6	30.7	2,081.6
Feb.	219.0	293.7	547.4	439.1	373.8	133.0	68.3	28.0	2,102.3

(a) Aged 15 or more years.

TABLE 5. EMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION, N.S.W.
(Thousands)

Month	Professional and technical	Administrative, executive, managerial, and clerical	Sales	Farmers, fishermen, timber getters, miners, etc.	Transport and communication	Tradesmen, production process workers, labourers n.e.c.	Service, sport, and recreation	Total
MALES								
1976:Aug.	153.3	233.4	83.0	107.1	105.8	581.1	76.5	1,340.2
Nov.	154.2	232.2	82.8	108.7	109.0	579.5	77.2	1,343.6
1977:Feb.	164.8	224.9	83.3	106.4	112.0	585.4	78.7	1,355.6
May	151.2	236.0	88.5	112.5	112.8	584.5	70.2	1,355.8
Aug.	154.3	232.9	91.7	105.2	112.1	577.0	72.0	1,345.3
Nov. (b)	162.7	235.5	80.5	113.6	105.0	573.8	81.9	1,353.1
1978:Feb. (c)	157.5	242.4	80.2	113.8	108.6	572.7	79.6	1,354.8
May	155.4	225.8	90.8	113.9	99.3	582.7	79.1	1,347.0
Aug.	154.4	225.5	91.7	109.6	105.5	572.2	74.0	1,333.0
Nov.	165.9	222.3	91.0	117.5	103.9	560.3	75.1	1,336.0
1979:Feb.	171.8	237.1	92.8	116.8	103.9	562.8	81.5	1,366.7
FEMALES								
1976:Aug.	122.1	270.9	87.6	23.4	15.9	87.2	110.2	717.3
Nov.	125.9	264.9	94.9	20.5	16.9	86.1	116.6	725.9
1977:Feb.	126.5	269.5	90.2	21.9	17.6	86.8	116.1	728.6
May	129.1	279.4	94.2	22.4	18.3	83.5	112.6	739.4
Aug.	130.2	277.2	94.0	23.2	17.7	81.2	113.9	737.4
Nov. (b)	126.0	281.5	92.9	25.2	16.2	84.2	122.2	748.3
1978:Feb. (c)	116.6	275.8	93.5	23.1	14.2	82.0	130.6	735.7
May	114.5	286.6	104.1	17.4	14.5	84.5	123.6	745.1
Aug.	122.5	288.0	93.9	19.2	16.2	82.4	127.6	749.8
Nov.	124.7	291.6	96.5	21.9	15.4	83.4	119.0	752.4
1979:Feb.	129.2	276.4	96.1	21.0	17.4	81.4	114.1	735.6
PERSONS								
1976:Aug.	275.4	504.3	170.5	130.5	121.7	668.3	186.7	2,057.5
Nov.	280.1	497.2	177.8	129.2	125.8	665.5	193.9	2,069.4
1977:Feb.	291.3	494.3	173.5	128.4	129.6	672.2	194.8	2,084.1
May	280.3	515.4	182.7	134.9	131.1	668.0	182.9	2,095.2
Aug.	284.5	510.2	185.7	128.4	129.8	658.2	186.0	2,082.7
Nov. (b)	288.7	517.1	173.4	138.8	121.2	658.1	204.1	2,101.3
1978:Feb. (c)	274.1	518.2	173.6	136.9	122.8	654.7	210.1	2,090.5
May	269.9	512.3	194.9	131.3	113.8	667.2	202.7	2,092.1
Aug.	276.9	513.5	185.6	128.9	121.8	654.6	201.6	2,082.8
Nov.	290.6	513.9	187.4	139.3	119.3	643.7	194.1	2,088.3
1979:Feb.	301.0	513.4	188.9	137.8	121.3	644.3	195.6	2,102.3

(a) Aged 15 or more years.

(b) The sample size was reduced for the November survey. Consequently, the standard errors for the estimates from this survey were approximately 20% larger than the standard errors shown in the Technical Note.

(c) First of monthly surveys. However, data are available only for the months shown.

TABLE 6. EMPLOYED PERSONS (a) CLASSIFIED BY FULL-TIME AND PART-TIME STATUS, N.S.W.
(Thousands)

Month	Full-time			Part-time			Total employed		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
1978:Feb.	1,283.6	500.9	1,784.5	71.2	234.8	305.9	1,354.8	735.7	2,090.5
Mar.	1,282.7	496.4	1,779.1	68.8	239.2	308.0	1,351.6	735.5	2,087.1
Apr.	1,275.5	503.7	1,779.2	66.6	244.9	311.5	1,342.1	748.5	2,090.6
May	1,277.0	509.0	1,786.0	69.9	236.2	306.1	1,347.0	745.1	2,092.1
June	1,275.8	503.1	1,778.9	73.9	241.4	315.3	1,349.7	744.5	2,094.3
July	1,270.1	511.1	1,781.2	71.6	244.7	316.3	1,341.7	755.8	2,097.5
Aug.	1,259.0	507.5	1,766.6	74.0	242.3	316.3	1,333.0	749.8	2,082.8
Sept.	1,266.7	513.6	1,780.4	68.4	244.1	312.5	1,335.1	757.8	2,092.8
Oct.	1,272.7	513.9	1,786.6	67.5	249.3	316.7	1,340.2	763.1	2,103.3
Nov.	1,268.4	500.4	1,768.8	67.6	251.9	319.5	1,336.0	752.4	2,088.3
Dec.	1,296.8	515.3	1,812.1	70.1	239.3	309.4	1,366.9	754.6	2,121.5
1979:Jan.	1,294.7	510.9	1,805.6	65.0	211.1	276.1	1,359.7	721.9	2,081.6
Feb.	1,305.8	502.6	1,808.3	60.9	233.0	294.0	1,366.7	735.6	2,102.3

(a) Aged 15 or more years.

TABLE 7. UNEMPLOYED PERSONS (a) CLASSIFIED BY INDUSTRY (b), N.S.W.
(Thousands)

Category	February 1978	May 1978	August 1978	November 1978	February 1979
Industry division -					
Agriculture	6.2	*	5.1	*	*
Manufacturing	27.5	27.4	21.5	18.5	20.9
Construction	9.6	8.5	11.9	12.2	10.3
Wholesale and retail trade	25.9	19.7	21.2	18.4	19.5
Transport and storage	*	*	*	*	*
Finance, insurance, real estate, and business services	4.8	4.7	5.1	*	*
Community services (c)	8.9	9.8	7.1	6.8	8.9
Other industries (d)	12.5	12.1	13.7	11.7	12.8
Total,classified by industry	98.8	90.0	89.0	78.6	83.5
Looking for first full-time job	42.1	20.0	19.5	25.6	33.9
Other (e)	30.2	27.2	24.5	26.3	31.3
Total unemployed persons	171.1	137.2	133.0	130.5	148.6

(a) Aged 15 or more years.

(b) Industry of last full-time job held for two weeks or more within the last two years.

(c) Includes Education, Health Services, Law and Order, and Religious and Social Welfare Services.

(d) Comprises Forestry, Fishing and Hunting, Mining, Electricity, Gas and Water, Communication, Public Administration and Defence, and Entertainment, Recreation, Restaurants, Hotels, and Personal Services.

(e) Persons who have not worked full-time for two weeks or more during the last two years.

TABLE 8. UNEMPLOYED PERSONS (a) CLASSIFIED BY AGE GROUP, N.S.W.
(Thousands)

Month	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 or more	
MALES							
1978:Feb.	30.2	15.2	18.7	13.6	8.0	7.3	93.0
Mar.	21.4	14.7	17.9	10.4	6.8	5.0	76.2
Apr.	21.2	16.7	17.9	9.3	8.4	5.4	78.8
May	17.9	13.8	14.6	11.1	8.4	6.2	72.0
June	19.5	15.2	16.6	10.5	9.7	7.2	78.7
July	18.0	13.6	15.2	8.6	9.2	7.8	72.4
Aug.	21.7	13.8	13.3	9.4	8.0	6.7	72.8
Sept.	18.5	17.3	14.7	8.2	8.4	7.3	74.4
Oct.	20.1	16.2	12.8	7.3	7.0	7.7	71.0
Nov.	20.4	16.4	11.8	9.4	8.8	6.7	73.6
Dec.	25.5	17.4	10.8	11.3	7.2	6.7	78.8
1979:Jan.	31.8	17.3	13.0	8.0	6.4	6.3	82.7
Feb.	24.5	18.4	13.9	9.8	4.9	8.4	79.8
MARRIED FEMALES							
1978:Feb.	*	*	13.3	6.0	*	*	29.9
Mar.	*	5.1	13.0	7.3	4.6	*	32.4
Apr.	*	4.8	12.1	5.6	4.6	*	30.2
May	*	4.5	13.7	6.4	*	*	28.8
June	*	4.5	11.9	5.9	*	*	27.6
July	*	6.5	7.3	*	*	*	24.4
Aug.	*	5.6	8.4	7.1	*	*	26.8
Sept.	*	*	6.9	6.6	*	*	24.4
Oct.	*	*	4.7	7.6	*	*	22.0
Nov.	*	*	6.1	6.5	*	*	18.2
Dec.	*	*	4.6	*	*	*	15.2
1979:Jan.	*	*	6.7	4.6	*	*	20.4
Feb.	*	4.5	12.1	5.1	*	*	26.4
ALL FEMALES							
1978:Feb.	34.4	12.2	17.3	6.6	5.3	*	78.1
Mar.	26.1	13.1	16.9	7.7	6.0	*	72.5
Apr.	26.1	12.3	15.7	6.6	6.5	*	68.8
May	22.7	12.8	16.3	7.5	*	*	65.2
June	17.5	12.4	14.9	7.3	5.9	*	59.1
July	20.7	14.3	10.2	5.8	5.2	*	58.6
Aug.	19.6	14.4	11.0	7.7	6.2	*	60.2
Sept.	19.7	11.1	11.3	8.5	6.3	*	58.4
Oct.	19.3	9.9	8.4	8.5	5.9	*	53.5
Nov.	23.8	8.8	8.9	9.1	4.9	*	56.8
Dec.	31.9	11.7	7.3	6.1	*	*	62.4
1979:Jan.	30.2	11.5	10.1	6.7	*	*	64.0
Feb.	26.6	13.5	16.2	6.4	5.1	*	68.9
PERSONS							
1978:Feb.	64.7	27.4	36.0	20.2	13.3	9.6	171.1
Mar.	47.6	27.7	34.8	18.2	12.8	7.7	148.7
Apr.	47.3	29.0	33.6	15.8	14.8	7.2	147.7
May	40.6	26.5	30.9	18.6	11.9	8.6	137.2
June	37.0	27.6	31.5	17.8	15.7	8.3	137.8
July	38.7	27.9	25.4	14.4	14.4	10.1	131.0
Aug.	41.3	28.2	24.3	17.1	14.2	7.9	133.0
Sept.	38.2	28.4	26.0	16.7	14.7	8.8	132.9
Oct.	39.4	26.1	21.2	15.8	12.9	9.1	124.6
Nov.	44.2	25.2	20.8	18.5	13.7	8.0	130.5
Dec.	57.4	29.2	18.0	17.4	11.2	8.0	141.2
1979:Jan.	62.0	28.8	23.1	14.7	10.3	7.8	146.7
Feb.	51.1	31.9	30.1	16.1	10.0	9.5	148.6

(a) Aged 15 or more years.

TABLE 9. UNEMPLOYED PERSONS (a) CLASSIFIED BY DURATION OF UNEMPLOYMENT (b), N.S.W.

Month	Unemployed persons (thous.) classified by duration of unemployment							Total unemployment (thous.)	Average duration of unemployment (weeks)
	Under 2 weeks	2 and under 4 weeks	4 and under 8 weeks	8 and under 13 weeks	13 and under 26 weeks	26 and under 39 weeks	39 or more weeks		
MALES									
1978:Feb.	6.7	9.3	17.8	17.0	12.9	8.7	20.7	93.0	27.3
Mar.	7.9	8.5	10.2	10.6	17.7	6.4	14.9	76.2	25.0
Apr.	4.9	6.9	10.4	8.7	18.7	8.4	20.7	78.8	30.2
May	6.2	6.8	7.4	10.1	15.3	7.0	19.2	72.0	30.7
June	7.1	6.9	10.7	10.4	13.4	11.4	18.7	78.7	29.6
July	*	7.4	10.1	7.3	13.7	10.8	19.1	72.4	30.8
Aug.	*	7.0	8.3	10.0	13.1	12.7	18.2	72.8	31.7
Sept.	*	5.2	9.9	8.8	12.1	10.7	22.5	74.4	35.6
Oct.	*	5.9	6.7	9.3	12.4	8.9	23.5	71.0	34.4
Nov.	*	7.6	10.2	6.6	10.5	9.8	24.1	73.7	35.1
Dec.	11.1	9.6	12.5	7.5	10.3	8.2	19.6	78.8	28.3
1979:Jan.	5.6	8.5	20.9	10.4	13.4	7.7	16.2	82.7	25.6
Feb.	5.9	5.9	12.4	12.5	11.2	9.9	21.9	79.8	33.8
FEMALES									
1978:Feb.	10.5	10.7	14.7	13.0	10.4	*	14.4	78.1	21.0
Mar.	8.6	8.5	14.2	11.0	13.3	6.6	10.3	72.5	20.8
Apr.	5.7	9.2	7.9	10.2	16.0	6.4	13.5	68.8	26.2
May	7.5	8.2	7.1	7.5	15.5	6.2	13.2	65.2	27.2
June	4.7	6.4	9.2	8.3	9.4	7.0	14.1	59.1	29.9
July	6.0	6.4	10.4	5.2	6.8	8.1	15.7	58.6	36.1
Aug.	7.9	6.7	9.9	*	7.4	7.9	16.4	60.2	33.3
Sept.	6.4	7.9	8.1	*	6.1	8.0	16.7	58.4	34.5
Oct.	4.7	6.8	7.3	*	7.2	5.5	16.8	53.5	32.4
Nov.	6.6	6.8	7.4	*	6.0	6.3	16.7	56.8	31.8
Dec.	9.6	9.6	9.7	7.4	6.3	*	15.4	62.4	28.3
1979:Jan.	8.8	5.8	16.2	7.7	6.7	6.0	12.7	64.0	23.9
Feb.	8.5	11.3	11.7	11.8	7.2	*	14.2	68.9	27.7
PERSONS									
1978:Feb.	17.2	19.9	32.5	30.0	23.3	13.0	35.1	171.1	24.4
Mar.	16.5	17.0	24.4	21.6	31.0	13.0	25.3	148.7	23.0
Apr.	10.6	16.1	18.2	18.9	34.8	14.8	34.2	147.7	28.3
May	13.7	15.0	14.5	17.6	30.8	13.2	32.3	137.2	29.0
June	11.8	13.3	20.0	18.7	22.8	18.4	32.8	137.8	29.7
July	10.0	13.8	20.5	12.5	20.4	18.9	34.8	131.0	33.2
Aug.	11.4	13.6	18.2	14.0	20.6	20.5	34.6	133.0	32.4
Sept.	11.7	13.2	18.0	14.2	18.2	18.6	39.1	132.9	35.1
Oct.	9.1	12.6	14.0	14.6	19.6	14.4	40.3	124.6	33.6
Nov.	11.6	14.4	17.7	13.6	16.5	16.1	40.7	130.5	33.6
Dec.	20.7	19.2	22.2	14.9	16.6	12.6	35.0	141.2	28.3
1979:Jan.	14.4	14.3	37.2	18.1	20.1	13.7	28.9	146.7	24.9
Feb.	14.4	17.2	24.2	24.4	18.4	13.9	36.1	148.6	31.0

(a) Aged 15 or more years.

(b) Period from the time the person began looking for work, or was laid off, to the end of the survey week. Periods of unemployment are recorded in complete weeks, and this results in a slight understatement of duration of unemployment.

TABLE 10. UNEMPLOYED PERSONS (a) CLASSIFIED BY OCCUPATION (b), N.S.W.
(Thousands)

Category	February 1978	May 1978	August 1978	November 1978	February 1979
Occupation group -					
Professional and technical	5.7	7.2	*	4.7	6.3
Administrative, executive, managerial, and clerical	14.1	12.6	12.9	13.4	13.3
Sales	10.4	9.7	10.0	7.7	7.6
Farmers, fishermen, timber getters, miners, etc.	8.8	6.6	6.6	4.9	5.8
Transport and communication	5.6	5.3	5.4	*	*
Tradesmen, production process workers, labourers n.e.c.	43.0	38.4	40.4	35.1	37.1
Service, sport, and recreation	11.2	10.2	9.9	8.5	10.2
Total, classified by occupation	98.8	90.0	89.0	78.6	83.5
Looking for first full-time job	42.1	20.0	19.5	25.6	33.9
Other (c)	30.2	27.2	24.5	26.3	31.3
Total unemployed persons	171.1	137.2	133.0	130.5	148.6

(a) Aged 15 or more years.

(b) Occupation of last full-time job held for two weeks or more within the last two years.

(c) Persons who have not worked full-time for two weeks or more during the last two years.

TECHNICAL NOTE

Estimation Procedure

1. The labour force estimates are derived from the Population Survey by use of a complex ratio estimation procedure. This procedure ensures that the Survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the Estimates

2. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, the estimates and the movements derived from them are subject to sampling variability; that is they may differ from the figures that would have been obtained if all dwellings had been included in the Survey. One measure of the likely difference is given by the Standard Error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. A table of standard errors for general application to estimates derived from the Survey is given below. The figures will not give a precise measure of standard error of a particular estimate since they are averages, based on calculations for a limited number of past surveys over a wide range of labour force characteristics. However, they will provide an indication of the magnitude of the standard error of any estimate shown in this bulletin.

4. An example of the use of Columns (2) and (3) of the table is as follows:-

If the estimate obtained from the sample is 100,000 (see Column (1)) the standard error is 3.9 per cent of the estimate, i.e. 3,900 - and there are about two chances in three that the true figure is within the range 96,100 to 103,900, and about nineteen chances in twenty that this figure is between 92,200 and 107,800. As the standard errors in Column (3) show, the smaller the estimate, the higher is the per cent standard error.

5. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than on the size of the movement. An indication of the magnitude of standard errors of monthly movements is also given in the Table, Column (4) - where the standard error of the monthly movement is read against the larger of the two estimates appearing in Column (1) from which the movement is derived. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive years, or between two other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Column (4) of the Table. An example of the use of Column (4) is as follows:-

If the estimates for two successive months are 480,000 and 500,000 (i.e. an increase of 20,000), this Column shows that the standard error of the monthly movement will be 5,100 (the figure shown in the Column against 500,000 in Column 1). That is, there are about two chances in three that the monthly movement lies between 14,900 and 25,100, and about nineteen chances in twenty that it lies between 9,800 and 30,200.

A guide to the standard errors of quarterly movements for periods from February 1978 can be obtained by multiplying the figures in Column (4) (standard errors of monthly movements) by 1.4. The standard errors of quarterly movements for periods prior to February 1978 were published in the Technical Note in the November 1977 issue of this bulletin.

6. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories. The standard errors for Sydney Statistical Division are approximately the same as for New South Wales as a whole.

7. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the per cent standard error of the estimated percentage will generally be lower than the per cent standard error of the estimate of the numerator. The per cent standard errors of the numerator can be obtained from Column (3) in the table below.

8. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with the inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as non-sampling errors - and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

9. Estimates below 4,500 have been excluded from this bulletin, because they are subject to sampling variability too high for most practical purposes.

APPROXIMATE STANDARD ERRORS OF ESTIMATES

Size of estimate	Standard error of monthly estimate		Standard error of monthly movement (a)
Persons (1)	Persons (2)	Per cent of estimate (3)	Persons (4)
4,500	1,000	22.2	1,000
5,000	1,100	22.0	1,100
6,000	1,200	20.0	1,200
10,000	1,500	15.0	1,400
20,000	2,000	10.0	1,800
50,000	3,000	6.0	2,500
100,000	3,900	3.9	3,200
200,000	5,000	2.5	3,900
300,000	5,800	1.9	4,400
500,000	6,900	1.4	5,100
1,000,000	8,500	0.9	6,100
2,000,000	10,000	0.5	7,200

(a) The standard error of the monthly movement is read against the size of the larger of the two estimates - appearing in Column (1) - from which the movement is derived.